

ABSTRACT

A pump that has a cavity (13) in which is located a flexible membrane (14). An inlet (24) opens into the cavity (13) and is associated with a valve (27). A valve (28) is likewise provided in an outlet (25). Also opening into cavity (13) is a port (22) through which negative and positive pressures can be applied whereby the flexible membrane (14) can be moved to its two states corresponding to completion of inlet and exhaust of a pumping cycle.